

**45512. CITRULLUS VULGARIS Schrad. Cucurbitaceæ. Citron.**

From Bell, Md. Presented by Dr. W. Van Fleet. Received November 22, 1917.

"A preserving citron, 6 to 8 inches long and 3 to 4 inches in diameter. Skin green and smooth; flesh white and solid; seed in green fruit soft. May prove valuable for marmalades and preserves, also for cooking with fish or meat." (*B. T. Galloway.*)

**45513 to 45522. SACCHARUM OFFICINARUM L. Poaceæ. Sugar cane.**

From Mauritius. Presented by Mr. H. A. Tampany, Director of Agriculture, Reduit, Mauritius. Received November 20, 1917.

**45513 and 45514.** "Var. *M. P. 55*. Foliage broad, canes stout and tall, inclined to trail, 10 to a stool; internodes cylindrical, rather long, dark purple with waxy coating, no channel; eye bud rather large, broad, and slightly bulging at base, apex flat and adhering." (*Tampany.*)

A widely grown variety, exceeded only by *White Tanna* in area under cultivation in Mauritius. Of all the land devoted to sugar-cane raising 12 per cent is occupied by this variety. In Mauritius this variety seems to prefer the lowlands, two-thirds of the area devoted to it being below 600 feet in altitude. The origin of this variety is traced to Mr. G. Perromat, manager of the Clemencia estate, Flacq, who began to grow canes from seed in 1891. *M. P. 55* is the best of the varieties he succeeded in raising. (Adapted from *Henri Robert, Sugar-Cane Varieties in Mauritius.*)

**45513.** "Cuttings."

**45514.** "Seeds."

**45515.** "Cuttings of *M. P. 131*. Foliage narrow; canes tall, inclined to trail, of medium size, 10 to 15 to a stool; internodes zigzag, of medium length, dark violet, slightly waxy, the channel slightly marked in some cases, apparent in others; eye bud broad, pentagonal, flat, base straight, sides perpendicular, apex adhering." (*Tampany.*)

A variety of minor importance on the island of Mauritius, occupying only a small part of the land devoted to sugar cane. It is a variety which prefers the lowlands, most of it being grown below 600 feet altitude. This is one of the varieties grown from seed by Mr. G. Perromat, manager of the Clemencia estate, Flacq. It ranks second in value of all the varieties that he originated. (Adapted from *Henri Robert, Sugar-Cane Varieties in Mauritius.*)

**45516.** "Cuttings of *M. 1237*. Foliage rather broad; canes erect, rather tall, of medium size, 10 to 12 to a stool; internodes straight, of medium length; reddish purple, waxy, the channel deeply marked, running almost the entire length of the internode; eye bud of medium size, pentagonal, bulging at the center, apex adhering." (*Tampany.*)

**45517 and 45518.** "*D. K. 74*. Foliage broad; canes medium in size, fairly tall, inclined to trail, 11 to a stool; internodes cylindrical, of medium size, yellow, sunburns red, no channel; eye bud of medium size, triangular, slightly bulging at base, apex not quite adhering." (*Tampany.*)

A variety of minor importance on the island of Mauritius. It occupies 5.48 per cent of the land devoted to sugar-cane raising. It is a